

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE <div style="text-align: center;">J</div>		PAGE OF PAGES <div style="text-align: center;">1   9</div>	
2. AMENDMENT/MODIFICATION NO. 0003		3. EFFECTIVE DATE 15-Aug-2002		4. REQUISITION/PURCHASE REQ. NO. W16ROE-2141-0901		5. PROJECT NO.(If applicable)	
6. ISSUED BY USA ENGINEER DISTRICT, NEW YORK ATTN: CENAN-CT ROOM 1843 26 FEDERAL PLAZA (DACA51) NEW YORK NY 10278-0090		CODE DACA51		7. ADMINISTERED BY (If other than item 6) <div style="text-align: center; font-weight: bold;">See Item 6</div>		CODE	
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code)				X		9A. AMENDMENT OF SOLICITATION NO. DACA51-02-R-0016	
				X		9B. DATED (SEE ITEM 11) 12-Jul-2002	
						10A. MOD. OF CONTRACT/ORDER NO.	
						10B. DATED (SEE ITEM 13)	
CODE		FACILITY CODE					
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS							
<input checked="" type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offer <input type="checkbox"/> is extended, <input checked="" type="checkbox"/> is not extended.  Offer must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods: (a) By completing Items 8 and 15, and returning <u>1</u> copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.							
12. ACCOUNTING AND APPROPRIATION DATA (If required)							
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.							
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.							
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(B).							
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:							
D. OTHER (Specify type of modification and authority)							
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.							
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) This solicitation is amended as follows:  To respond to technical questions and non-technical changes (SEE ATTACHED CONTINUATION PAGE) The proposal due date remains unchanged for 23 Aug 2002 at 1500 hours local time.  NOTE: Bidders must acknowledge receipt of this amendment by the date specified in the solicitation (or as amended) by one of the following methods: in the space provided on the SF1442, by separate letter, or by telegram, or by signing block 15 below. FAILURE TO ACKNOWLEDGE AMENDMENTS BY THE DATE AND TIME SPECIFIED MAY RESULT IN REJECTION OF YOUR BID IN ACCORDANCE WITH THE LATE BID, LATE MODIFICATIONS OF BIDS OR LATE WITHDRAWAL OF BIDS (FAR14.304).  Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.							
15A. NAME AND TITLE OF SIGNER (Type or print)				16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)			
				TEL: _____ EMAIL: _____			
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA  BY _____ (Signature of Contracting Officer)		16C. DATE SIGNED  15-Aug-2002	

## SECTION SF 30 BLOCK 14 CONTINUATION PAGE

## SUMMARY OF CHANGES

## SECTION SF 30 - BLOCK 14 CONTINUATION PAGE

The following have been added by full text:

AMENDMENT 0003

This amendment provides the following changes/items/revisions:

1. To provide the Medical Equipment Data List Legend to the Medical Equipment Data List, previously incorporated to the solicitation via Amendment 0001 (see attached);
2. Questions submitted and pertaining answers provided (for informational purposes only).
  1. Can a time extension of 14 days be granted?  
Response: NO
  2. When is last day for submitting questions to the solicitation materials?  
Response: Ten(10) calendar days before the due day.
  3. Ref. "Proposed Completion dates". What are Governments expectations for the Completion and handover? April 2004 or December 2004?  
Response: Between April 2004 and December 2004. But preferable April of 2004.
  4. Will Government approve materials and equipment submitted based on the 65% design? Question refers to long lead items as e.g. HVAC system.  
Response: YES
  5. VOL A, page 6 requires 14 ea parking spaces. Drawing and specifications indirect 5 ea. Please clarify.  
**Response: There shall be only 5 spaces.**
  6. Will all items except optional items be awarded?  
Response: YES
  7. What is included in item no. 0002 site work, and what is item no. 0001? A total of all other items?  
Response: Item 0001 is a stand-alone item. Please refer to the item description. Item 0002, Site work, refer to RFP Site Plan Drawings.
  8. Is NFS GFM? And if Yes – where to obtain?  
Response: NO
  9. Can a Danish bonding firm be accepted?  
Response:  
YES
  10. Is a Danish JV to be registered in the US?  
Response: Not necessary
  11. Can a licensed Danish engineer be approved for structural design?  
**Response: Yes.**
  12. In on place POL is GFM but in another place the contractor is to pay. Please clarify.

Response: POL is GFM.

13. What is the requirement to the room where the computer for COE use is to be placed?

Response: Adequate electrical power supply, heat and no less than 58 Sq Meter.

14. Is submission of payroll also required for Danish contractors? In the past it has not been a requirement.

Response: Not required.

15. Why is GFCI specified different for the American and Danish contractors; 5mA vs. 30mA.

Response: In the United States, the organization responsible for setting the standard of operation of Ground Fault Circuit Interrupters (GFCI) is Underwriters Laboratory (UL). This standard limits the current to ground at 6mA (5mA +/- 1mA) for a class A GFCI. Other standards are available but must inevitably prevent the shock hazard to persons exposed to ground fault currents.

16. What can be expected of GF storage space?

Response: Close by the project site, and spacious enough for storage and enclosed.

17. Sec. 00901: TABR 400-2 is outdated!

Response: Thanks for the info.

18. Sec. 00902: AFSPACOM 75-4 is obsolete!

Response: Same as above

19. 12 SWS is now 821 ABG.

Response: Same as above.

20. Where is surplus to be hauled to?

Response: Will be designated by the Contract representative. The hauling distance will not expect to be far from the project site.

21. Building 1400 has on listed fire booster pump installed!

Response: Comment noted.

22. Is air in concrete wanted?

Response: If air in concrete is used, criteria for Air entrained concrete are to be determined by D/B structural engineer. The USAF has no preference.

23. How is summer/winter defined?

Response: From June 1<sup>st</sup> to September 15 is considered summer, the rest of the year is winter.

24. Is it correct that only the perimeter rooms are going to have radiators?

Response: Radiators are required at exterior wall and interior partitions; where indicated on the RFP drawings.

25. Since a central filter unit is being installed on the main water line, is it still recommended to install a de-central filter for the clinic alone?

Response: The water filter dedicated to the CMF is required.

26. Are oxygen, nitrogen oxy and nitrogen bottles with regulator, etc? GFE?

Response: Above listed gasses are provided in point-of-use sizebottles by building occupants; coordinate with building users.

27. Is it a mandatory requirement that lighting shall be for 277 V?

Response: No. However, to realize the cost savings associated with supplying the building at 277/480V in lieu of 120/208V, all equipment that can be served at 277V or 480V should be supplied with these voltages. In this case, the reduction of cost due to the reduced size of equipment such as panelboards, feeders and branch circuits can offset the cost of transformers used on a 277/480V system. Lighting, heating/ventilation equipment, large motors and some small motors are some examples that can be operated at 277/480V.

28. Page 33:

Is the contractor to take any action in regards to installing UPS'?

Response: No. Any action involving the UPS must originate with the Air Force.

29. Who are to install the GF emergency generator at the existing hospital and is an ATS required (Automatic Transfer Switch)?

Response: The Air Force will furnish and install the temporary generator at the existing hospital. The existing ATS along with this temporary generator is required to serve the existing hospital during the time that the existing generator is being relocated.

30. Have flow test been made using the listed fire booster pump in building 1400?

Response: A flow test was conducted as indicated in the RFP documents. It was not verified whether the pump in building 1400 was operational at the time or not. The flow rate resulting from the test indicated that the pressure was adequate to serve the CMF.

31. Will plumbing fixtures (China and Faucet) from Denmark be considered?

Response: Yes.

32. Is it the intention to make the fuel tank of concrete and provide a heater in the tank?

Response: The intent is to provide a factory engineered/constructed concrete double wall containment type tank product with integral heater.

33. Lights are to be for 277 volts, but it is also a requirement to consider local available spare parts. As of right now there are no spares available for 277 volts. Please advise.

Response: Currently, there are fluorescent ballasts that are multi-voltage rated such that they can operate at both 120V and 277V. These ballasts should be used in the new CMF and should be stocked for future use.

34. Sec. 0010, page 79, par. 1.30.16 – Letter of intent:

When will this LOI be available?

Response: Will be available upon request.

35. Why provide a new 600 AmP transfer switch for the relocated generator? For the moment there is installed a transfer switch for the generator in the existing hospital

Response: The new transfer switch should be 400A. During relocation of the existing generator, the existing hospital has to be outfitted with a generator and transfer switch. At some point during construction, both the existing hospital and the new CMF will have to be outfitted with a generator and transfer switch simultaneously. Furthermore, the existing transfer switch is rated 208V and the new transfer switch is rated 480V.

36. The entry to the clinic will be the most handicap unfriendly entrance at Thule! Ought to be reconsidered.

Response: Handicapped entrance is at the Emergency Entrance near the ambulance garage. Accessibility, handicapped and otherwise, is not an issue which has gone unnoticed. However, many issues influence the configuration and plan; and the current plan responds best to the cumulative impact of those issues. Design input from the D-B is welcomed; his particular knowledge and control of the project budget may allow qualities which respond better to the site than those currently planned and expected to fall within the project budget. These following design tenets must be strictly adhered to if any changes are proposed:

- a. The site has been selected and studied and may not be changed to an alternate site;
- b. The utilities currently on the site must be reconfigured on this site;
- c. The ambulance should enter at the high point of the site such that it does not have to climb a slope to enter the garage;
- d. The plan of the facility, with particular regard to circulation within and spatial relationships, may not be altered. Room sizes and shapes may be altered slightly as best suits the proposed structure.
- e. The plan must be on one level. Changes in level must occur outside only.

37. DWG MP-3:

Will tank type toilets be considered?

Response: No

38. DWG MS-2:

- a. Pipe supports ought to be of the "Thule standard type".

AE Response: A/E was not made aware of a "Thule design standard" regarding pipe supports. Alternative methodology to the details on the RFP documents are acceptable providing that supports are equivalent in strength and spacing.

- b. Spec. calls for sizing the oil tank for 4 day's use = 6500 l but DWG calls for 15120 l – please advise.

Response: The 15120 liter tank is required.

39. DGW M-7:

Will chemical shot feeders be needed if inhibit glycol is used?

Response: Shot feeders are required for pipe cleaning.

40. DWG M-8:

Recommend an automatic glycol fill system not be used. The system to be manual only for detection of leaks and prevent a glycol spills of what in the tank. Please advise.

Response: Automatic glycol system is required.

41. DGW E-5:

Recommend fluorescent fixtures not be used since they are not available for starting at  $-40^{\circ}\text{C}/\text{F}$ .

Response: The ballasts of fluorescent fixtures are affected by ambient temperatures. These fixtures must be used indoors only. The optimum light output for these fixtures occur at approximately  $10^{\circ}\text{C}(50^{\circ}\text{F})$  which is below the ambient indoor temperature. Fluorescent ballast can start at  $0^{\circ}\text{F}$ . For the much lower temperatures outdoors, High Intensity Discharge fixtures are used.

42. DWG E-7:

Response: ATSI calls for being for 400A but spec. calls for 600A. Please advise.

The new transfer switch should be 400A.

43. Recommend all transformers be grounded to the Base 4/0 AGW ground loop and not as shown on DWG E-1 to a ground rod. Ground rods are not functioning at Thule since expected ground rod resistance to ground is 25,000 to 30,000Ω.

Response: The ground symbol on sheet E-1 is not meant to be a ground rod, but in fact is the base ground loop system. Reference note #13 on sheet E-9.

Where to install relocated medical equipment items?

Response: The AE has included a list of the items which *may* be re-used and the rooms in which they may be located. (The list was issued in Amendment 1 as "Possible Locations for Usable Existing Equipment".) The equipment plans show the locations of the equipment but do not designate which items are re-used and which are new. The D-B may use the list of possible re-used items to locate which of the items on the plans are to be brought from the existing hospital. For example: there are two D8250 units shown in the plans, and there are two available at the existing hospital. The list shows that they may be used in CMF Rooms 107 and 108. The plans also show two D8850 units, and the list shows that there is one available in the existing hospital which may be used in either CMF Room 107 or 108; therefore, one must be provided new for the other room.

44. Are any of the relocated items also included in the Room by Room equipment list?

Response: See the response above.

45. Are there any CID items included in the equipment list and thereby not to be provided by the D-B contractor?

Response: Per Specifications Section 01010, 1.23, Page 31, CID is a required task of the DB Contractor, including the development of the package and the purchase of the items within it. The "Room by Room Equipment List" includes medical equipment, non-medical equipment, and furnishings required to provide a turn-key facility. These are the descriptions of the Categories shown for equipment:

- A Contractor furnished and installed from construction funds. These items shall be detailed in the Specifications.
- B Government furnished from using service operating funds (other than construction funds), Contractor installed.
- C Contractor furnished and installed from existing assets (re-used items) or from construction funds.
- E Government furnished and Contractor installed from construction funds.
- F Government furnished and installed from construction funds.

46. What kind of work is expected to be done in the period April 2004 (BOD) until 31 December 2002 (const. Complete)?

Response: Don't understand the question.

47. Please provide drawings in AutoCad 2000 format.

Response: We'll not provide AutoCad format to any offeror at this time.

<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	TYPE REVIEW	REVIEWING OFFICE		DISCIPLINES		
	PROJECT BOOK			ARCHITECTURAL	MECHANICAL	SURGEON
	CONCEPT	OFFICE	Greenland Contractors <input type="checkbox"/>	CIVIL <input type="checkbox"/>	ELECTRICAL <input type="checkbox"/>	GROUND SAFETY
	PRELIMINARY	TELEPHONE	+45 3634 8040 <input type="checkbox"/>	STRUCTURAL <input checked="" type="checkbox"/>	CORROSION <input type="checkbox"/>	FIRE PREVENTION
	<input type="checkbox"/> FINAL	REVIEWER	<input type="checkbox"/>	SANITARY <input type="checkbox"/>	PAVEMENTS <input type="checkbox"/>	ENVIRONMENTAL
	submission		<input type="checkbox"/>	COMPREHENSIVE PLAN <input type="checkbox"/>		

  

D R W G O R P A R  N O .	COMMENT	TECHNICAL COMMENTS  (PRINT OR TYPE)	ACTION BY REVIEW OFFICER		
	NO.		BASE	CMO	AFRCE
D e s i g n  V o l . A	Page 10	Please specify the equipment in building #287 that the new intelligent fire alarm for the CMF shall be communicating with. <b>AE Response: The component that is to be used at bulding #287 is design to match the existing component that serves the other TAB building from building #287. Contact the fire marshall at TAB for further description of this component.</b>			
D e s i g n  V o l . A	Page 10	Shall the contractor incorporate the new intelligent CMF fire detection system into the main fire computer in building # 287? <b>AE Response: Yes.</b> Shall the contractor incorporate the graphic display of the new intelligent CMF fire alarm system into the fire main computer at building # 287? <b>AE Response: Yes.</b>			

D e s i g n  V o l . A	<b>Page 10</b>	Thule standard recommends that the fire detection system shall be with complete coverage, also in buildings with fire suppression systems. <b>AE Response: Please reference E-16.1 through E-16. 4. for a layout of the fire detection system and compare this to Thule standard fire alarm detection requirement.</b>			
D e s i g n  V o l . A	<b>Page 34</b>	The "RFP" specifies the use of 4' -2' light fixtures, according to Thule "Facility Excellent Plane" 2' -2' light fixtures shall be standard for future standard. Which size of fixtures shall be used for the CMF? <b>AE Response: TAB can make a decision at this stage since the lighting design has not yet been done.</b>			
D e s i g n  V o l . A	<b>Page 32</b>	All exterior light at Thule is controlled with a photoelectric sensor for the streetlight. May the exterior light for the CMF be controlled together with the streetlight? <b>AE Response: Control of exterior lights with streetlights should be coordinated with the TAB.</b>			
D e s i g n  V o l . C	<b>Page 68</b>	TAB standard for heat tracing sewage and water lines does not comply with the specification. TAB standard on water lines includes 3 ea. Heat tracing systems, one controlled by ambient temp., one controlled by pipe temp., and one system as spare. Tab standard on sewage lines includes 2 ea. Heat tracing systems one controlled by pipe temp., and one as spare. The heat tracing are installed into channels of the pre-insulated pipes.			

D e s i g n  V o l . C	<b>Page 74- 75</b>	Shall natural daylight controller be considered, Thule is in complete darkness approx. 6 months of the year? <b>AE Response: Please explain the benifits of natural daylight controllers. If acceptable, it can be incorporated at this stage.</b>			

All other terms of the solicitation shall remain unchanged. The bid due date remains unchanged.

(End of Summary of Changes)

### Legend of Utilities

<u>Utilities</u>	<u>Code</u>	<u>Explanation</u>
Water and Drain Column 1	A	Hot and cold water
	B	Cold water and drain
	C	Hot water and drain
	D	Cold and hot water and drain
	E	Treated water and drain
	F	Cold, hot and treated water and drain
	G	Cold and treated water and drain
	H	Hot and treated water and drain
	I	Drain only
	J	Cold water only
Electricity Column 2	A	120 Volt, conventional outlet
	B	120 Volt, special outlet
	C	208/220 volt
	D	120 and 208/220 Volt
	E	440 3 phase
	F	Special electrical requirements
	G	208/220 volt 3 phase
Medical Gases Column 3	A	Oxygen
	B	Vacuum
	C	Air, low pressure (30 PSIG) max.
	D	Air, high pressure (85 PSIG) min.
	E	Oxygen and vacuum
	F	Oxygen and medical air (50 PSIG)
	G	Oxygen, vacuum and medical air (50 PSIG)
	H	Vacuum and H.P. air (85 PSIG) min.
Miscellaneous Gases Column 4	A	Steam
	B	Nitrogen gas
	C	Nitrous oxide gas
	D	Nitrogen and nitrous oxide gas
	E	Carbon dioxide gas
	F	Liquid carbon dioxide
	G	Liquid nitrogen

UtilitiesCodeExplanation

Non-Medical Gases  
Column 5

A  
B  
C  
D  
E  
F  
G  
H

Natural gas  
Liquid petroleum gas  
Methane  
Butane  
Propane  
Hydrogen gas  
  
Acetylene gas

Miscellaneous  
Column 6

A  
B  
C  
D  
E  
F  
G

Earth ground  
Lead lined walls  
Remote alarm ground  
Empty conduit with pull cord  
Vent to atmosphere  
Special gas requirements  
Liquid gas requirements

## **EQUIPMENT LISTING LEGEND**

**JSN**      Joint Schedule Number. The number shall consist of an alpha character followed by four additional characters. The first alpha character shall denote the equipment groups as follows:

<b>A</b>	Architectural
<b>C</b>	Casework
<b>D</b>	Dental Equipment
<b>E</b>	Movable Modular Casework
<b>F</b>	Furniture and Furnishing
<b>K</b>	Food Service Equipment
<b>L</b>	Laboratory Equipment
<b>M</b>	Miscellaneous
<b>P</b>	Plumbing Fixtures
<b>R</b>	Refrigeration
<b>S</b>	Sterilizers and Associated Equipment
<b>U</b>	User Specific Items
<b>X</b>	X-Ray Equipment and Accessories

### **Category of Logistical Responsibility**

- |          |   |
|----------|---|
| <b>A</b> | Contractor furnished and installed from construction funds (Construction Appropriations/Medical Construction Appropriations.)   |
| <b>B</b> | Government furnished from using service operating funds other than construction and installed by contractor from construction funds (Construction Appropriations/Medical Construction Appropriations.)  |
| <b>C</b> | Government furnished and installed from existing assets or from funds other than construction.  |
| <b>E</b> | Government furnished and contractor installed from Construction Appropriation/Medical Construction Appropriations funds. (Procurement may be delayed until the latest date feasible that will not interfere with project completion. This will provide the latest model of equipment at the time it is needed.) |
| <b>F</b> | Government Furnished and installed from Construction Appropriation/Medical Construction Appropriations funds. (Procurement may be delayed until the latest date feasible that will not interfere with project completion. This will provide the latest model of equipment at the time it is needed.)            |